Electronic Acknowledgement Receipt				
EFS ID:	1230718			
Application Number:	10801208			
Confirmation Number:	2034			
Title of Invention:	Methods of manufacturing semiconductor devices having a ruthenius layer via automatic layer deposition			
First Named Inventor:	Kwang-hee Lee			
Customer Number:	20792			
Filer:	D. Randal Ayers/Michele McMahan			
Filer Authorized By:	D. Randal Ayers			
Attorney Docket Number:	5649-1277			
Receipt Date:	02-OCT-2006			
Filing Date:	16-MAR-2004			
Time Stamp:	15:38:03			
Application Type:	Utility			
International Application Number:				
Payment information:				
Submitted with Payment	yes			
Payment was successfully received in RAM	\$500			

File Listing:				
Deposit Account	500220			
RAM confirmation Number	155			
Payment was successfully received in RAM	\$500			

Document Number	Document Description

ment Description	File Name	File Size(Bytes
nent Description	File Name	File Size(Byl

1		5649_1277_NoticeAppeal.pd f	288856	yes	7				
	Multipart Description								
	Doc Desc		Start	End					
	Notice of Appeal Filed		1	1					
	Pre-Brief Conference request		2	2					
	Miscellaneous Incoming Letter		3	7					
Warnings:									
Information:									
2	Fee Worksheet (PTO-875)	fee-info.pdf	8176	no	2				
Warnings:									
Information:									
	Total Files Size (in bytes): 297032								

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/IDO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filling Receipt, in due course.